

CLAIMS

1. A detergent and conditioning cosmetic composition, characterized in that it comprises, in a  
5 cosmetically acceptable aqueous medium, (A) a washing base comprising at least one anionic surfactant and at least one amphoteric surfactant, (B) at least one water-insoluble carboxylic acid ester chosen from
- 1) - monoesters of saturated or unsaturated and linear  
10 or branched monocarboxylic acids and of saturated or unsaturated and linear or branched monoalcohols,
  - 2) - di- or triesters of saturated or unsaturated and linear or branched di- or tricarboxylic acids and of saturated or unsaturated and linear or branched  
15 monoalcohols,
  - 3) - mono-, di- or triesters of saturated or unsaturated and linear or branched di- or tricarboxylic acids and of saturated or unsaturated and linear or branched dialcohols,
  - 20 4) - monoesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated or unsaturated and linear or branched dialcohols,
  - 5) - di- or triesters of saturated or unsaturated and linear or branched monocarboxylic acids and of  
25 unsaturated dialcohols of any kind or of saturated dialcohols having more than 4 carbon atoms,

- 6)- mono- or diesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated trialcohols,
- 7)- triesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated trialcohols having more than 3 carbon atoms,
- 8)- mono-, di- or triesters of saturated or unsaturated and linear or branched monocarboxylic acids and of unsaturated trialcohols,
- 9)- mono-, di- or triesters of saturated or unsaturated and linear or branched di- or tricarboxylic acids and of saturated or unsaturated and linear or branched trialcohols,
- the total number of carbon atoms of the ester not exceeding 27 if it is not unsaturated and 50 if it comprises at least one unsaturation,
- the concentration of the ester being greater than 1%, the composition being devoid of cationic surfactant, and
- the anionic surfactant/amphoteric surfactant ratio by weight being less than or equal to 3.

2. The composition as claimed in claim 1, characterized in that said washing base is present at a content by weight of between 4% and 50% by weight with respect to the total weight of the composition, preferably of between 6 and 35% by weight and more preferably of between 8% and 25% by weight.

3. The composition as claimed in either one of claims 1 and 2, characterized in that the anionic surfactant(s) is (are) present in concentrations ranging from 3 to 30% by weight, preferably from 5 to 20% by weight, with respect to the total weight of the composition.

4. The composition as claimed in any one of claims 1 to 3, characterized in that the amphoteric surfactant(s) is (are) present in concentrations ranging from 1 to 20% by weight, preferably from 1.5 to 15% by weight, with respect to the total weight of the composition.

5. The composition as claimed in any one of claims 1 to 4, characterized in that the anionic surfactant/amphoteric surfactant ratio by weight is between 0.2 and 3 and more particularly between 0.4 and 2.5.

6. The composition as claimed in any one of claims 1 to 5, characterized in that said esters are chosen from:

- 1)- monoesters of saturated or unsaturated and linear or branched  $C_1-C_{49}$ , preferably  $C_3-C_{30}$ , monocarboxylic acids and of saturated or unsaturated and linear or branched  $C_1-C_{49}$ , preferably  $C_2-C_{30}$ , monoalcohols,
- 2)- di- or triesters of saturated or unsaturated and linear or branched  $C_2-C_{48}$ , preferably  $C_3-C_{30}$ , di- or tricarboxylic acids and of saturated or unsaturated and

linear or branched  $C_1-C_{49}$ , preferably  $C_2-C_{30}$ ,  
monoalcohols,

- 3)- mono-, di- or triesters of saturated or unsaturated  
and linear or branched  $C_2-C_{49}$ , preferably  $C_3-C_{30}$ , di- or  
5 tricarboxylic acids and of saturated or unsaturated and  
linear or branched  $C_1-C_{49}$ , preferably  $C_2-C_{30}$ , dialcohols,  
4)- monoesters of saturated or unsaturated and linear  
or branched  $C_1-C_{48}$ , preferably  $C_3-C_{30}$ , monocarboxylic  
acids and of saturated or unsaturated and linear or  
10 branched  $C_2-C_{49}$ , preferably  $C_3-C_{30}$ , dialcohols,  
5)- di- or triesters of saturated or unsaturated and  
linear or branched  $C_1-C_{46}$ , preferably  $C_3-C_{30}$ ,  
monocarboxylic acids and of unsaturated  $C_2-C_{48}$ ,  
preferably  $C_4-C_{30}$ , dialcohols or of saturated dialcohols  
15 having more than 4 carbon atoms and preferably  $C_5-C_{48}$   
dialcohols and more particularly still  $C_5-C_{30}$   
dialcohols,  
6)- mono- or diesters of saturated or unsaturated and  
linear or branched  $C_1-C_{47}$ , preferably  $C_3-C_{30}$ ,  
20 monocarboxylic acids and of saturated  $C_3-C_{49}$ , preferably  
 $C_3-C_{30}$ , trialcohols,  
7)- triesters of saturated or unsaturated and linear or  
branched  $C_1-C_{46}$ , preferably  $C_3-C_{30}$ , monocarboxylic acids  
and of saturated trialcohols having more than 3 carbon  
25 atoms and preferably  $C_4-C_{47}$  trialcohols and more  
particularly  $C_4-C_{30}$  trialcohols,

8)- mono-, di- or triesters of saturated or unsaturated and linear or branched  $C_1-C_{47}$ , preferably  $C_3-C_{30}$ , monocarboxylic acids and of unsaturated  $C_3-C_{49}$ , preferably  $C_3-C_{30}$ , trialcohols,

- 5 9)- mono-, di- or triesters of saturated or unsaturated and linear or branched  $C_2-C_{47}$ , preferably  $C_3-C_{30}$ , di- or tricarboxylic acids and of saturated or unsaturated and linear or branched  $C_3-C_{48}$ , preferably  $C_3-C_{30}$ , trialcohols.

- 10 7. The composition as claimed in claim 6, characterized in that said esters are chosen from the compounds from classes 1), 2), 4), 6) and 9).

8. The composition as claimed in either one of claims 6 and 7, characterized in that said esters  
15 are chosen from:

- cetyl lactate,  $C_{12}-C_{15}$  alkyl lactate, isostearyl lactate, lauryl lactate, linoleyl lactate, oleyl lactate, (iso)stearyl octanoate, isocetyl octanoate, octyl octanoate, cetyl octanoate, isodecyl octanoate,  
20 isononyl isononanoate, octyl isononanoate, 2-ethylhexyl isononate, octyl palmitate, octyl pelargonate, octyl stearate, octyldodecyl erucate, oleyl erucate, ethyl and isopropyl palmitates, 2-ethylhexyl palmitate, isopropyl myristate, butyl myristate, hexyl stearate,  
25 butyl stearate, isobutyl stearate, hexyl laurate or tridecyl erucate,

diethyl sebacate, diisopropyl sebacate, diisopropyl adipate, di(n-propyl) adipate, dioctyl adipate, dioctyl maleate, triisopropyl citrate, trioleyl citrate or dioctyl malate,

- 5 propylene glycol monostearate, tripropylene glycol monostearate, diethylene glycol monostearate or diethylene glycol monooleate, glyceryl undecylenate, glyceryl monolaurate, glyceryl dilaurate, glyceryl monocaprate, glyceryl
- 10 monocaprylate, glyceryl monostearate, glyceryl monooleate or glyceryl dioleate, glyceryl citrate or glyceryl monosuccinate.

9. The composition as claimed in any one of claims 1 to 8, characterized in that said esters are

15 present in concentrations of between 1.2 and 15% and preferably between 1.5 and 10% by weight with respect to the total weight of the composition and more particularly still from 2 to 8% by weight.

10. The composition as claimed in any one of

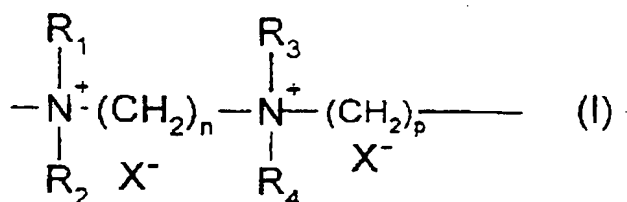
20 claims 1 to 9, characterized in that the composition additionally comprises at least one cationic polymer.

11. The composition as claimed in claim 10, characterized in [lacuna] the cationic polymer is chosen from quaternary derivatives of cellulose ether,

25 diallyldimethylammonium salt homopolymers and copolymers of diallyldimethylammonium salt and of acrylamide, cationic polysaccharides, or quaternary

copolymers of vinylpyrrolidone and of vinylimidazole salt.

12. The composition as claimed in claim 10, characterized in [lacuna] the cationic polymer is  
5 chosen from polymers which are composed of repeat units corresponding to the formula:



in which R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub>, which are identical or different, denote an alkyl or hydroxyalkyl radical  
10 having from 1 to 4 carbon atoms approximately, n and p are integers varying from 2 to 20 approximately and X<sup>-</sup> is an anion derived from an inorganic or organic acid.

13. The composition as claimed in any one of claims 10 to 12, characterized in that said cationic  
15 polymer represents from 0.05% to 10% by weight, preferably from 0.1% to 5% by weight and more preferably still from 0.25% to 3% by weight of the total weight of the composition.

14. The composition as claimed in any one of  
20 claims 1 to 13, characterized in that the composition additionally comprises at least one water-soluble salt.

15. The composition as claimed in claim 14, characterized in [lacuna] the water-soluble salts are salts of mono- or divalent metals and of an inorganic  
25 or organic acid.

16. The composition as claimed in either one of claims 14 and 15, characterized in [lacuna] the water-soluble salts are chosen from sodium chloride, potassium chloride, calcium chloride, magnesium sulfate, sodium citrate, or the sodium salts of phosphoric acid.

17. The composition as claimed in any one of claims 14 to 16, characterized in that the water-soluble salts are present at concentrations of between 0.1 and 10% by weight and preferably between 0.5 and 5% by weight with respect to the total weight of the composition.

18. The composition as claimed in any one of claims 1 to 17, characterized in that the composition additionally comprises at least one water-soluble alcohol.

19. The composition as claimed in claim 18, characterized in that the water-soluble alcohols are lower C<sub>1</sub>-C<sub>6</sub> alcohols, such as ethanol, isopropanol, tert-butanol or n-butanol, polyols, such as alkylene glycols, for example propylene glycol or glycerol, and polyalkylene glycols, or glycol ethers.

20. The composition as claimed in either one of claims 18 and 19, characterized in that the water-soluble alcohols are used in concentrations generally of between 0.1 and 20% by weight and more particularly



between 0.2 and 10% by weight with respect to the total weight of the composition.

21. The composition as claimed in any one of claims 1 to 20, characterized in that it additionally  
5 comprises one or more adjuvants chosen by cationic surface-active agents, anionic or nonionic or amphoteric polymers, proteins, protein hydrolysates, ceramides, pseudoceramides, fatty acids comprising linear or branched C<sub>16</sub>-C<sub>40</sub> chains, such as 18-methyl-  
10 eicosanoic acid, hydroxy acids, vitamins, panthenol, volatile or nonvolatile silicones which are soluble or insoluble in the medium, UV screening agents, moisturizing agents, antidandruff or antiseborrheic agents, agents for combating free radicals, opacifying  
15 agents, and their mixtures.

22. Use of the composition as defined in any one of claims 1 to 21 for cleaning and/or removing makeup from keratinous substances.

23. A process for washing and for  
20 conditioning keratinous substances, such as the hair, which consists in applying, to wetted said substances, an effective amount of the composition as defined in any one of claims 1 to 21 and in then rinsing with water, after an optional leave-in time.